

AMENDMENTS TO CLAIMS:

1. (Currently Amended) A presentation-system for presenting a
presentationsynchronizing display ~~of having at least one first non-streaming~~
presentation-portion of at least one presentation obtained from first presentation data,
and ~~with at least one second-streaming presentation-portion of the presentation when the~~
5 ~~obtained from second presentation data, wherein at least a portion of one of said first non-~~
~~streaming and second-streaming portions of the presentation data are is provided to~~
~~performed on at least a first network node via a at least one communications network, the~~
~~system comprising at least the following:~~

10 a time generator for outputting at least first and second master timing values for
synchronizing a performance of said ~~first non-streaming and second-streaming~~
~~presentation data portions~~ at the at least first network node;

15 a presentation controlling node coupled to receive the first master timing value
and for transmitting to at least the at least first network node, via the communications
network, presentation control information including (a) and (b) following: (a) first
~~information~~ at least a first presentation command related to displaying for accessing the
~~first presentation data non-streaming portion for performing~~ at the first network node, and
(b) a first time value derived from said first master timing value, wherein said first time
value is indicative of a time for performing the at least first presentation command said
~~first presentation data~~ at the first network node;

20 a presentation time determining component at said first network node for
determining a second time value relative to performing at least ~~a portion part~~ of said
~~second-streaming presentation data-portion~~ at said first network node, wherein said
second time value is determined using said second master timing value;

25 a time delay determining component at said first network node for determining a
time delay between said first time value and ~~a~~ the second time value;

a presentation synchronization component for using said time delay to delay the
performing, at said first network node, of the non-streaming presentation portion relative

to the streaming presentation portion~~one of: at least a portion of said first presentation data, and said second presentation data.~~

2. (Currently Amended) The presentation system of Claim 1, wherein one or more of:

(a) said time generator generates each of said first and second master timing values using a substantially identical reference of time;

5 (b) said ~~second~~ streaming presentation data is received at the first network node via the communications network;

(c) said first master timing value is approximately indicative of an origination time for said ~~first~~ non-streaming presentation data; and

10 (d) said second master timing value is approximately indicative of an origination time for said ~~second~~ streaming presentation data.

3. (Original) The presentation system of Claim 1, wherein said second master timing value is provided to said first network node via the communications network.

4. (Currently Amended) The presentation system of Claim 1, further including one or more presentation content supplying nodes for transmitting, via the communications network, said ~~first~~ non-streaming presentation data to said first network node.

5. (Currently Amended) The presentation system of Claim 1, wherein at least one of said first and ~~second~~ streaming presentation data is streamed on the communications network, and the communications network includes a portion of the Internet.

6. (New) The presentation system of Claim 1, wherein the presentation control information provides information for identifying a first collection of one or more presentation segments for presenting on the at least first network node, and for identifying an alternative collection of one or more presentation segments for presenting
5 on the at least first network node, wherein the first and the alternative collections are each replaceable with the other when presenting the presentation.

7. (New) The presentation system of Claim 6, further including:

a computational component for determining network performance information of the communications network, wherein said computational component determines said network performance information using network data obtained from network

5 transmissions detected at said at least first network node; and

a first segment selector, activated after said at least first network node receives said presentation control information, for selecting, using said network performance information, one of said first and said alternative collections for transmitting to said at least first network node.

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8. (New) The presentation system of Claim 7, wherein

a selector uses the performance information for the first communications network, to select as a selected collection one of the first and the alternative collections for transmitting to the at least first network node;

5 wherein said selected collections is transmitted to the at least first network node;

wherein a second collection of presentation segments is transmitted to a second network node;

wherein the selected collection and the second collection are presented, respectively, via the first and second network nodes substantially concurrently, and the selected and second collections have corresponding presentation contents.

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9. (New) The presentation system of Claim 7, wherein said computational

component includes a network analyzer for determining said network performance information using one or more of the following types of said network data: (a) a data transmission rate of said communications network at said first network node; (b) a

5 fluctuation in bandwidth of said communications network at said first network node; and

(c) a statistical prediction of a bandwidth of said communications network at said first network node.

10. (New) The presentation system of Claim 1, further including a phone bridge controller for transmitting an audio portion for said presentation to a third network node

such that the audio portion is synchronized with an audio portion of the presentation provided to the first network node.

11. (New) A system for synchronizing a performance of at least one non-streaming portion of a presentation with at least one streaming portion of the presentation when the non-streaming and streaming portions of the presentation are performed on at least first and second network nodes, via at least one communications network, the system comprising at least the following:

storing a plurality of segments of a presentation for network access, via one or more content supplying nodes of a communications network, wherein there are subcollections of one or more of the segments, each subcollection having a predetermined presentation order and there are first and a second of the subcollections, wherein said first subcollection is replaceable with said second subcollection when presenting the presentation;

identifying a plurality of network nodes for presenting the presentation, including the first and second network nodes;

outputting at least first and second master timing values for synchronizing non-streaming and streaming portions of the presentation at the first and second client nodes;

first providing, via the communications network, one or more first instances of presentation control information to the first network node for controlling the presentation at the first network node;

second providing, via the communications network, one or more second instances of presentation control information to the second network node for controlling the presentation at the second network node;

wherein, for each network node (N) of said first and second network nodes, said corresponding one of the first and second instances of presentation control information include at least (a1) through (a3) following:

(a1) identifications of said content supplying nodes,

(a2) at least a first presentation command related to displaying the non-streaming portion at the network node N, and

(a3) a presentation time value derived from said first master timing value,
wherein said presentation time value is indicative of a time for performing
30 the at least first presentation command at the network node N;

first transmitting said first subcollection from one or more of said content
supplying nodes for presenting at the first network node, wherein said first instance(s) of
presentation control information is used for obtaining said first subcollection at the first
network node;

35 second transmitting said second subcollection from one or more of said content
supplying nodes for presenting at the second network node substantially simultaneously
with the presenting of the first subcollection at the first network node, wherein said
second instance(s) of presentation control information is used by the second network
node for presenting said second subcollection at the second network node;

40 synchronizing a performance of the presentation at the first network node with a
performance of the presentation at the second network node, wherein each node (N) of
said first and second network nodes include (b1) through (b3) following:

(b1) a corresponding presentation time determining component for determining
a stream time value relative to performing at least part of said streaming
45 portion,

(b2) a corresponding time delay component for determining a time delay
between the stream time value and a corresponding instance of the
presentation time value; and

(b3) a presentation synchronization component for using said time delay to
50 delay a performance, at the node N, of the non-streaming presentation
portion relative to a performance of the streaming presentation portion.

12. (New) A method as claimed in Claim 11, wherein said step of transmitting to the
first and second network nodes is performed substantially simultaneously, using the
Internet as at least a portion of the communications network.

13. (New) A method as claimed in Claim 12, further including a step of
synchronously presenting the presentation at the first network node with presenting the
presentation at the second network node so that each of the subcollections presented at

the first network node is presented substantially simultaneously with some one of the
5 subcollections at the second network node.

14. (New) A method as claimed in Claim 13, wherein said step of synchronously
presenting includes obtaining, by said first network node, a network performance
measurement of a network transmission from a first of the content supplying network
nodes to the first network node.

15. (New) A method as claimed in Claim 11, wherein said step of first transmitting
includes retrieving the first subcollection by the first network node from a first of the
content supplying nodes; and

5 said step of second transmitting includes retrieving the second subcollection by
the second network node from a second of the content supplying nodes different from the
first content supplying node.

16. (New) A method as claimed in Claim 11, further including synchronizing the
presenting of the first and second subcollections at the first and second network nodes
with a corresponding audio portion of the presentation provided at the sites of the first
and second network nodes, wherein the corresponding audio portion is provided to the
5 sites using a different network protocol from a protocol used in said step of transmitting
via the communications network.

17. (New) The method as claimed in Claim 11, wherein one or more measurements
related to an expected time for said first subcollection to be received by the first network
node via the communications network are obtained;

wherein said one or more measurements are indicative of one or more of:

- 5 (a) a size of said first subcollection;
- (b) a bandwidth of previous transmissions via the communications network to
the first network node;
- (c) an overhead indicative of a protocol used in transmissions via the
communication network to the first network node;
- 10 (d) an allotted time for said first network to receive said first subcollection;
- (e) a fluctuation in bandwidth of the communications network;
- (f) an error rate from the communications network; and

- (g) a predictive statistical expectation of a bandwidth on the communications network.

18. (New) The method as claimed in Claim 11, further including:

establishing whether said first subcollection is cached at said first network node within a desired time prior to a performance of the cached subcollection.

19. (New) The method as claimed in Claim 18, further including determining said desired time by determining one or more of:

- (a) a measurement related to the performance of the presentation at said second network node;

5 (b) a predetermined length of time; and

- (c) a length of time determined by a leader for the presentation.

20. (New) The method as claimed in Claim 18, further including determining said desired time by comparing: (a) a transmission rate of the communications network between the first network node and at least one of said content supplying nodes; and (b) a transmission rate of the communications network between said second network node, and
5 at least one of said content supplying nodes.

21. (New) A method for presenting a networked presentation, comprising the steps of:

first providing, via a communications network, one or more first instances of presentation control information to a first network node for controlling a first

5 performance of the presentation at the first network node;

second providing, via the communications network, one or more second instances of presentation control information to a second network node for controlling a second performance of the presentation at the second network node;

wherein the presentation control information instances from each of said first and
10 second instances are used to substantially synchronize the first and second performances of the presentation;

wherein, of the first and second instances of presentation control information further provides, to a corresponding one of the first and second network nodes, (a1) through (a4) following:

- 15 (a1) an identification of content supplying nodes for supplying at least a non-streaming portion for performing the presentation,
- (a2) at least a first presentation command related to displaying the non-streaming portion at the corresponding network node,
- (a3) presentation timing information (**PTI**) indicative of a time for
- 20 performing the at least first presentation command at the corresponding network node; and
- (a4) stream timing information (**STI**) for synchronizing a stream portion of the presentation with the non-streaming portion at the corresponding network node;
- 25 first transmitting to the first and second network nodes an extent of the streaming portion;
- second transmitting to the first and second network nodes an extent of the non-streaming portion;
- wherein for each performance (**P**) of the first and second performances of the
- 30 presentation, (b1) through (b3) occur:
- (b1) a stream time value (**STV**) relative to performing at least part of said streaming portion extent is determined using a received occurrence of the **STI**,
- (b2) a time delay between the **STV** and a corresponding instance of the
- 35 **PTI** is determined; and
- (b3) there is synchronization, at the network node providing the performance **P**, between the stream portion extent and the non-stream portion extent, said synchronization using said time delay of (b2) to delay presenting the non-streaming portion extent
- 40 relative to presenting the streaming portion extent.

22. (New) The method of Claim 21, wherein the first instance(s) identifies a first presentation portion for presenting on the first network node, and the second instance(s) identifies an alternative presentation portion for presenting on the second network node, wherein the first and the alternative presentation portions are each replaceable with the

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5 other when presenting the presentation.

23. (New) The method of Claim 22, wherein first presentation portion and said alternative present portion have a different but corresponding presentation contents.

24. (New) The method of Claim 22, wherein alternative presentation portion is represented by a reduced amount of data transmitted on the communications network in comparison to the first presentation portion.
